



Erie County
Department of
Health



Public Health
Prevent. Promote. Protect.

COVID-19 Data Update

Through April 2023

All data are provisional.

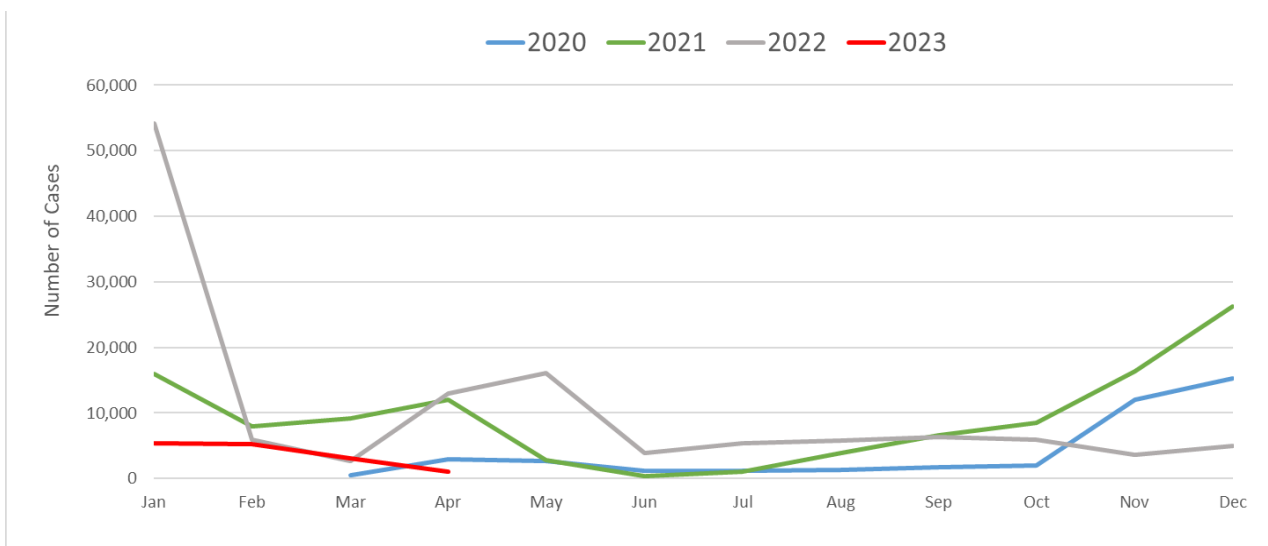
This will be the final monthly COVID-19 data report. Previous weekly reports are available on the ECDOH web site (www.erie.gov/health).

State and federal COVID-19 data sources are listed on the last page of this report.

- ECDOH confirmed **1,096 COVID-19 cases** in April 2023, a 64% decrease from 3,080 cases in March 2023. These data do not include at-home tests.
- Wastewater surveillance data has shown decreasing trends in detected COVID-19 viral particles across all collection areas through March and April. See map and trends at www.erie.gov/covid19-wastewater (dashboard).
- Based on CDC measures for COVID-19 Community Level, Erie County has changed to "low," and the CDC's COVID-19 Transmission Level has changed to "moderate."

COVID-19 Case Summary

COVID-19 Cases Reported to Erie County (March 2020-April 2023)



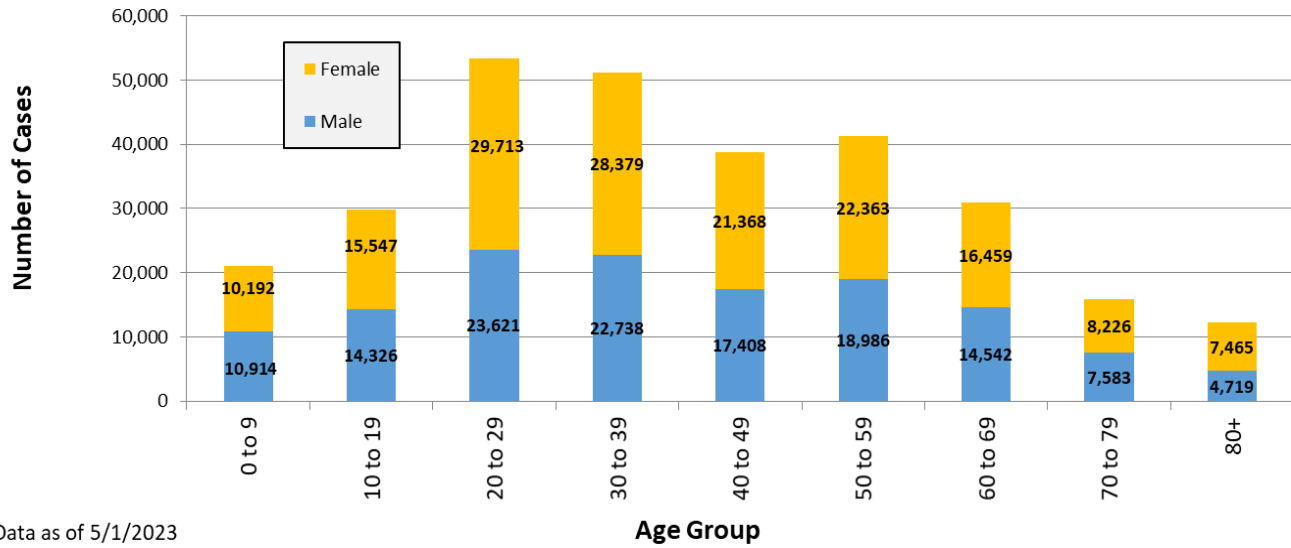
COVID-19 Cases Reported to Erie County by Year and Age Group (March 2020-April 2023)

Age Group	2020		2021		2022		2023*	
	Cases	Percent	Cases	Percent	Cases	Percent	Cases	Percent
0 to 9	1,261	3.1%	9,608	8.6%	9,601	7.5%	636	4.3%
10 to 19	3,815	9.4%	14,640	13.2%	10,797	8.4%	621	4.2%
20 to 29	8,134	20.0%	21,135	19.0%	21,769	17.0%	2,296	15.5%
30 to 39	6,178	15.2%	19,111	17.2%	23,131	18.1%	2,697	18.2%
40 to 49	5,023	12.3%	14,241	12.8%	17,352	13.6%	2,160	14.6%
50 to 59	6,094	15.0%	14,542	13.1%	18,378	14.4%	2,335	15.8%
60 to 69	4,714	11.6%	10,371	9.3%	14,116	11.0%	1,800	12.1%
70 to 79	2,712	6.7%	4,657	4.2%	7,369	5.8%	1,071	7.2%
80+	2,827	6.9%	2,860	2.6%	5,297	4.1%	1,200	8.1%
Total	40,758	100%	111,165	100%	127,810	100%	14,816	100%

*Data as of 5/1/2023

All data are provisional.

COVID-19 Cases by Age Group and Gender (March 2020-April 2023)

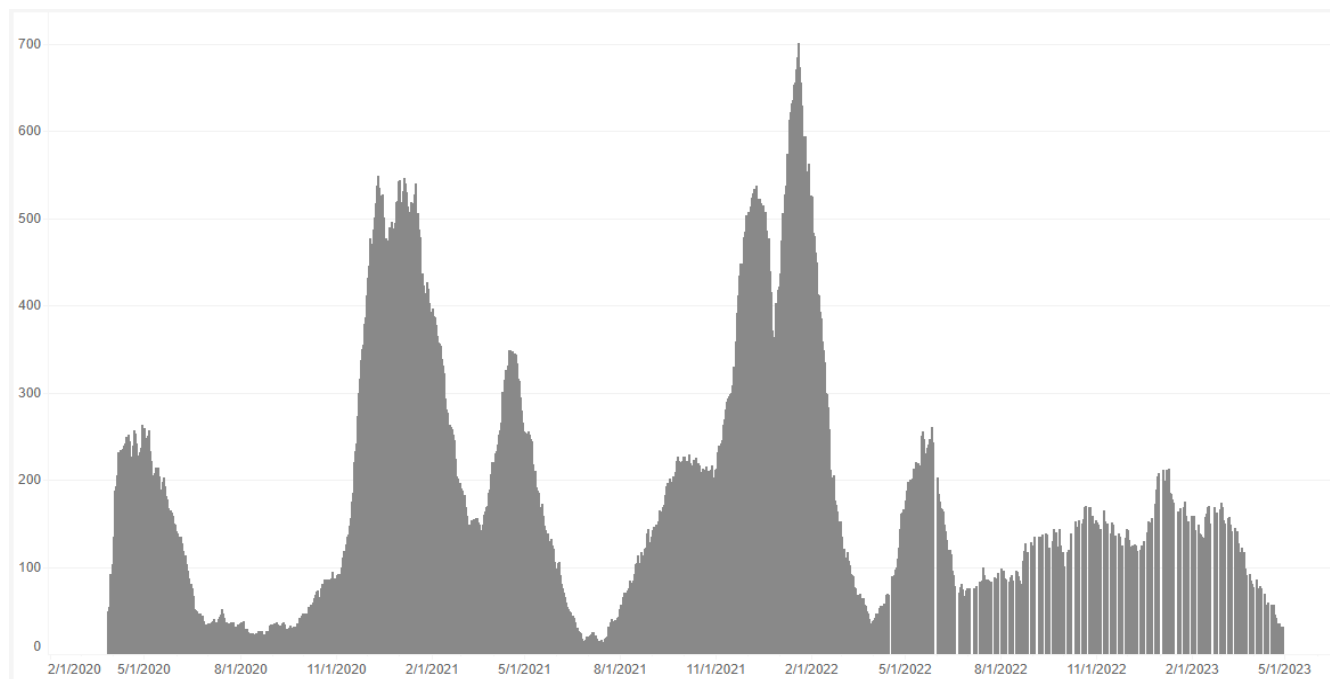


COVID-19 Cases by Residence (March 2020-April 2023)

Residence	Cases	% of Cases	% of Population*
Buffalo	89,564	30.4%	29.2%
Erie County Excl. Buffalo	204,985	69.6%	70.8%
All Erie County	294,549	100%	100%

*Population Source: Prepared by 2020 Census Bureau in collaboration with NCHS

COVID-19 Hospitalizations, Western New York (March 2020-May 1, 2023)



COVID-19 Mortality Data Summary

Erie County COVID-19 Deaths by Age Group (March 2020-through April 16, 2023*)

Age Group	2020		2021		2022		2023*	
	#	%	#	%	#	%	#	%
<40	13	1%	25	2%	14	2.2%	1	0.8%
40 to 49	17	1%	31	3%	14	2.2%	0	0.0%
50 to 59	64	5%	91	8%	40	6.2%	6	5.0%
60 to 69	152	12%	196	18%	109	16.9%	9	7.4%
70 to 79	285	22%	281	25%	160	24.8%	27	22.3%
80+	745	58%	496	44%	309	47.8%	78	64.5%
Totals	1,276	100.0%	1,120	100.0%	646	100.0%	121	100.0%

COVID-19 Data Sources

Erie County

[Erie County COVID-19 Wastewater Surveillance](#)

[Erie Co. COVID-19 Data \(Dec. 2020-Nov. 2022\)](#)

[Erie Co. COVID-19 Data \(Nov. 2022-Present\)](#)

New York State Department of Health (NYSDOH)

[COVID-19 Hospitalization and ICU Data by Region](#)

[By Age Group](#)

[By Race/Ethnicity](#)

[COVID-19 Vaccination Data by County and Age](#)

[COVID-19 Mortality Data](#)

[COVID-19 Variant Data](#)

Centers for Disease Control and Prevention (CDC)

[COVID-19 Data Tracker](#)

[COVID-19 Community Level & Community Transmission](#)